



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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962490

January 29, 1993

Ms. Deborah Orr  
Remedial Project Manager      HSRL-6J  
USEPA, Region V, 77 West Jackson Blvd.  
Chicago, IL 60604

RE: Main Street Well Field  
Preliminary Design Report  
Eastside Activities  
Elkhart, Indiana

Dear Ms. Orr:

The State has reviewed the above cited document submitted by Geraghty & Miller on behalf of the Eastside respondents. Our review generated the following comments:

Sec. 2.5 - SVE Pilot Test, Page 12, Paragraph 1

It is stated that the measurements were collected approximately every 15 minutes, it did not specify for how long. Also Table indicated that the test was conducted from 12:35 to 12:47pm. (12 minutes).

It is not clear how the extraction rates for other areas, i.e. areas 2A, 4A, 5A, 6A were determined. Also an explanation is needed for different extraction rates for each area (i.e. 5 CFM for area 4A and 110 CFM for area 2A).

The PRPs should be aware of an "exempt certificate or letter" that must be obtained from the IDEM commissioner prior to the commencement of VES operation (see attached rules).

Sec. 2.6.1 - Excavation Procedures

How will the excavated area (10' x 25' x 3') be secured? No filling plans (with clean soil) were mentioned or discussed.

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Sec. 4.2 - SVE System Configuration

On page 26, it is stated that the combined flow rate for the simulated full-scale SVE system is 300 CFM but on page 29 (SVE pilot study bullet 3) the same figure was mentioned as 368 CFM. Which figure is correct?

Table 4

Although the analytical results show low levels of lead and mercury in the soils, the community or public should be cautioned about the soil conditions in order to avoid any direct contact threat during excavation activities in that area.

If you have any questions concerning this letter, please feel free to contact me at AC (317) 243-5130.

Very truly yours,

*Prabhakar Kasarabada*

Prabhakar Kasarabada  
Project Manager  
Superfund Section  
Office of Environmental Response

PK/pw

cc: Fran Metcalf, IDEM  
Ken Gill, IDEM